03433637 SOUTH HARPETH CREEK NEAR PEWITT CHAPEL, TN

LOCATION.--Lat 35°54'42", long 87°07'51", Williamson County, Hydrologic Unit 05130204, on downstream left bank wingwall of the bridge on South Harpeth Road, 1.4 due west from Pewitt Chapel, 3 mi southwest from confluence with Kelley Creek.

DRAINAGE AREA.--2.32 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--September 2004 to October 2005.

GAGE.--Data collection platform and crest-stage gage.

REMARKS.--Records good, except for estimated daily discharges, which are fair.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, unknown; maximum gage height, 3.64 ft, Oct. 19; minimum daily discharge, 1.3ft^3/s, Aug. 11-13.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	---	e1.4
2	---	---	---	---	---	---	---	---	---	---	---	e2.3
3	---	---	---	---	---	---	---	---	---	---	---	e1.5
4	---	---	---	---	---	---	---	---	---	---	---	e1.4
5	---	---	---	---	---	---	---	---	---	---	---	e1.4
6	---	---	---	---	---	---	---	---	---	---	---	e1.4
7	---	---	---	---	---	---	---	---	---	---	---	e1.4
8	---	---	---	---	---	---	---	---	---	---	---	e1.4
9	---	---	---	---	---	---	---	---	---	---	---	e1.4
10	---	---	---	---	---	---	---	---	---	---	---	e1.4
11	---	---	---	---	---	---	---	---	---	---	---	1.4
12	---	---	---	---	---	---	---	---	---	---	---	e1.8
13	---	---	---	---	---	---	---	---	---	---	---	e1.5
14	---	---	---	---	---	---	---	---	---	---	---	1.4
15	---	---	---	---	---	---	---	---	---	---	---	1.4
16	---	---	---	---	---	---	---	---	---	---	---	2.2
17	---	---	---	---	---	---	---	---	---	---	---	1.9
18	---	---	---	---	---	---	---	---	---	---	---	1.4
19	---	---	---	---	---	---	---	---	---	---	---	1.4
20	---	---	---	---	---	---	---	---	---	---	---	1.4
21	---	---	---	---	---	---	---	---	---	---	---	1.4
22	---	---	---	---	---	---	---	---	---	---	---	1.4
23	---	---	---	---	---	---	---	---	---	---	---	1.4
24	---	---	---	---	---	---	---	---	---	---	---	1.4
25	---	---	---	---	---	---	---	---	---	---	---	1.4
26	---	---	---	---	---	---	---	---	---	---	---	1.4
27	---	---	---	---	---	---	---	---	---	---	---	1.4
28	---	---	---	---	---	---	---	---	---	---	---	1.4
29	---	---	---	---	---	---	---	---	---	---	---	1.4
30	---	---	---	---	---	---	---	---	---	---	---	1.4
31	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL	---	---	---	---	---	---	---	---	---	---	---	44.8
MEAN	---	---	---	---	---	---	---	---	---	---	---	1.49
MAX	---	---	---	---	---	---	---	---	---	---	---	2.3
MIN	---	---	---	---	---	---	---	---	---	---	---	1.4

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2004, BY WATER YEAR (WY)

MEAN	---	---	---	---	---	---	---	---	---	---	---	1.49
MAX	---	---	---	---	---	---	---	---	---	---	---	1.49
(WY)	---	---	---	---	---	---	---	---	---	---	---	(2004)
MIN	---	---	---	---	---	---	---	---	---	---	---	1.49
(WY)	---	---	---	---	---	---	---	---	---	---	---	(2004)

e Estimated

03433637 SOUTH HARPETH CREEK NEAR PEWITT CHAPEL, TN—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	2.9	14	3.1	3.1	4.0	27	6.7	2.6	1.7	1.6	2.7
2	1.6	2.8	7.5	4.0	3.5	3.6	13	5.3	3.3	1.7	1.5	2.2
3	1.6	2.8	5.6	3.9	3.5	3.5	8.6	4.5	2.6	1.7	1.5	1.9
4	1.6	2.7	4.5	3.9	3.4	3.5	6.9	4.0	2.3	1.6	1.4	1.8
5	1.5	2.4	4.5	4.0	3.2	3.6	5.9	3.7	2.2	1.7	1.4	1.6
6	1.6	2.3	7.9	5.4	3.0	3.4	18	3.5	2.7	1.7	1.4	1.6
7	1.6	2.2	82	42	3.6	3.7	45	3.2	2.4	1.6	1.4	1.6
8	1.8	2.0	e14	e20	4.7	3.7	21	3.0	2.3	1.6	1.4	1.6
9	1.9	1.9	39	9.1	4.3	3.4	10	3.0	2.2	1.6	1.4	1.6
10	1.9	1.9	11	7.0	3.8	3.2	7.8	2.8	2.1	1.6	1.4	1.6
11	1.9	2.4	7.7	7.0	3.5	3.1	6.6	2.7	2.6	2.7	1.3	1.6
12	3.4	2.1	6.1	6.2	3.4	3.0	6.0	2.6	4.7	1.9	1.3	1.6
13	2.8	2.0	4.9	16	5.0	3.0	5.2	2.5	3.1	2.4	1.3	1.6
14	2.6	2.0	4.1	11	5.2	2.7	4.6	3.0	2.5	2.4	1.4	1.4
15	2.6	1.9	3.6	7.4	4.8	2.6	4.2	2.6	2.2	3.7	1.5	3.2
16	2.4	2.0	3.4	6.0	4.5	3.1	3.9	2.3	2.1	3.5	1.7	1.7
17	2.2	2.0	3.1	4.9	4.0	2.7	3.6	2.2	2.0	2.2	4.2	1.4
18	4.3	2.0	2.9	4.3	3.6	2.6	3.5	2.2	1.9	2.0	1.9	1.4
19	66	2.0	2.6	4.2	3.4	2.6	3.3	3.9	1.9	3.2	1.6	1.4
20	3.0	2.0	2.3	3.8	18	2.6	3.1	3.0	1.8	2.3	1.5	1.4
21	2.2	1.9	2.3	3.6	17	2.5	3.1	2.5	1.8	1.9	1.5	1.4
22	1.9	1.9	30	3.4	9.6	4.4	5.6	2.4	1.7	1.9	1.5	1.4
23	2.2	3.4	28	2.9	7.2	9.3	3.7	2.3	1.8	1.8	1.5	1.4
24	2.2	19	8.2	2.7	6.0	5.6	3.3	2.2	1.7	1.7	1.5	1.5
25	2.3	5.8	6.2	2.7	5.0	4.8	3.0	2.2	1.7	1.7	1.5	2.5
26	2.8	4.4	5.1	2.7	4.5	4.3	3.4	2.1	1.7	1.7	1.8	2.2
27	4.7	5.0	4.2	2.4	4.2	5.1	3.1	2.1	1.8	1.7	1.7	1.7
28	4.6	5.0	3.8	2.3	4.9	9.4	3.5	2.1	1.8	1.7	1.7	1.7
29	4.1	4.8	3.8	4.1	---	7.7	4.7	2.0	1.8	1.5	1.9	1.7
30	3.6	75	3.5	3.6	---	6.4	16	2.0	1.8	1.6	40	1.6
31	3.2	---	3.4	3.4	---	5.5	---	2.0	---	1.6	4.2	---
TOTAL	141.5	170.5	329.2	207.0	149.9	128.6	256.6	90.6	67.1	61.6	90.9	52.0
MEAN	4.56	5.68	10.6	6.68	5.35	4.15	8.55	2.92	2.24	1.99	2.93	1.73
MAX	66	75	82	42	18	9.4	45	6.7	4.7	3.7	40	3.2
MIN	1.4	1.9	2.3	2.3	3.0	2.5	3.0	2.0	1.7	1.5	1.3	1.4
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)												
MEAN	4.56	5.68	10.6	6.68	5.35	4.15	8.55	2.92	2.24	1.99	2.93	1.61
MAX	4.56	5.68	10.6	6.68	5.35	4.15	8.55	2.92	2.24	1.99	2.93	1.73
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)
MIN	4.56	5.68	10.6	6.68	5.35	4.15	8.55	2.92	2.24	1.99	2.93	1.49
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)

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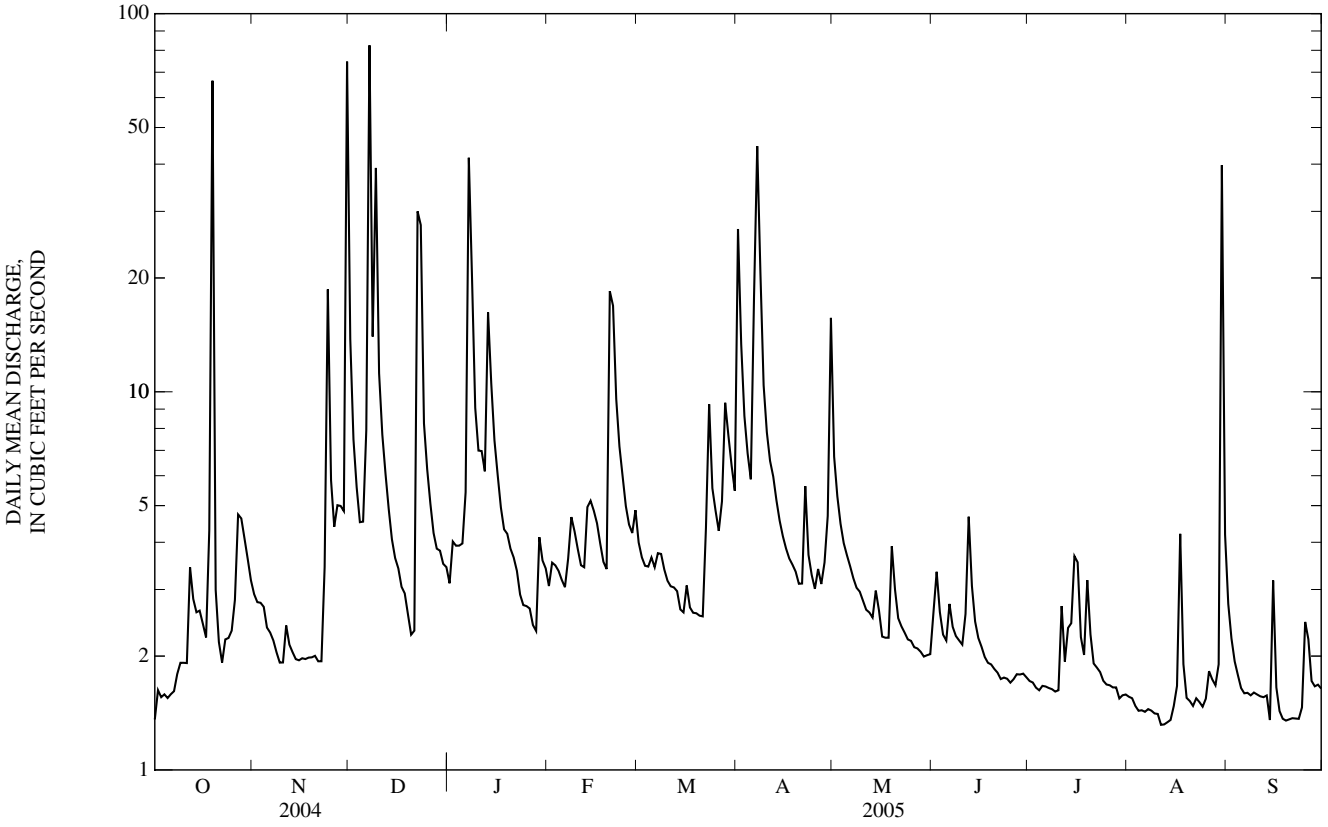
SUMMARY STATISTICS	FOR 2005 WATER YEAR		WATER YEARS 2004 - 2005	
ANNUAL TOTAL	1,745.5			
ANNUAL MEAN	4.78		4.78	
HIGHEST ANNUAL MEAN			4.78	2005
LOWEST ANNUAL MEAN			4.78	2005
HIGHEST DAILY MEAN	82	Dec 7	82	Dec 7, 2004
LOWEST DAILY MEAN	1.3	Aug 11	1.3	Aug 11, 2005
ANNUAL SEVEN-DAY MINIMUM	1.4	Aug 7	1.4	Aug 7, 2005
MAXIMUM PEAK STAGE	3.64	Oct 19	3.64	Oct 19, 2004
10 PERCENT EXCEEDS	7.3		7.3	
50 PERCENT EXCEEDS	2.7		2.7	
90 PERCENT EXCEEDS	1.6		1.6	

e Estimated



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03433637 SOUTH HARPETH CREEK NEAR PEWITT CHAPEL, TN—Continued

WATER-QUALITY RECORDS

LOCATION.--Lat 35°54'42", long 87°07'51", Williamson County, Hydrologic Unit 05130204, on downstream left bank wingwall of the bridge on South Harpeth Road, 1.4 due west from Pewitt Chapel, 3 mi southwest from confluence with Kelley Creek.

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: September 2004 to September 2005.
WATER TEMPERATURE: September 2004 to September 2005.
TURBIDITY: September 2004 to September 2005.

INSTRUMENTATION.--Water-quality monitor since September 9, 2004 and sediment pumping sampler since Oct. 7, 2004.

REMARKS.--Records for water temperature and specific conductance records are good, turbidity records are fair.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 260 microsiemens, July 17, 2005, Aug. 19, 20, 2005; minimum, 53 microsiemens, Oct. 19, 2004.
WATER TEMPERATURE: Maximum, 27.6°C, July 25, 2005; minimum, 2.1°C, Dec. 20, 2004.
TURBIDITY: Maximum, >1,000 FNU, Apr. 17, 2005; minimum, .1 FNU, many days.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 260 microsiemens, July 17, Aug. 19, 20; minimum, 53 microsiemens, Oct. 19.
WATER TEMPERATURE: Maximum, 27.6°C, July 25; minimum, 2.1°C, Dec. 20.
TURBIDITY: Maximum, >1,000 FNU, Apr. 17; minimum, .1 FNU, many days.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	248	234	242
11	---	---	---	---	---	---	---	---	---	248	235	244
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	258	248	255
19	---	---	---	---	---	---	---	---	---	256	247	253
20	---	---	---	---	---	---	---	---	---	255	246	251
21	---	---	---	---	---	---	---	---	---	255	245	251
22	---	---	---	---	---	---	---	---	---	254	243	250
23	---	---	---	---	---	---	---	---	---	254	242	250
24	---	---	---	---	---	---	---	---	---	254	241	250
25	---	---	---	---	---	---	---	---	---	254	242	250
26	---	---	---	---	---	---	---	---	---	254	244	251
27	---	---	---	---	---	---	---	---	---	254	236	247
28	---	---	---	---	---	---	---	---	---	247	235	243
29	---	---	---	---	---	---	---	---	---	250	237	245
30	---	---	---	---	---	---	---	---	---	252	237	246
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

03433637 SOUTH HARPETH CREEK NEAR PEWITT CHAPEL, TN—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	23.1	16.6	19.5
11	---	---	---	---	---	---	---	---	---	22.8	17.4	19.9
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	23.9	18.0	20.7
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	21.6	16.0	18.5
19	---	---	---	---	---	---	---	---	---	21.3	15.0	17.7
20	---	---	---	---	---	---	---	---	---	21.3	14.4	17.5
21	---	---	---	---	---	---	---	---	---	21.2	14.6	17.6
22	---	---	---	---	---	---	---	---	---	21.3	14.6	17.6
23	---	---	---	---	---	---	---	---	---	21.8	15.2	18.2
24	---	---	---	---	---	---	---	---	---	22.0	16.2	18.9
25	---	---	---	---	---	---	---	---	---	22.1	17.2	19.6
26	---	---	---	---	---	---	---	---	---	21.8	17.0	19.0
27	---	---	---	---	---	---	---	---	---	20.8	15.8	17.9
28	---	---	---	---	---	---	---	---	---	20.8	16.3	18.2
29	---	---	---	---	---	---	---	---	---	19.2	15.3	17.1
30	---	---	---	---	---	---	---	---	---	19.4	13.2	16.1
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

03433637 SOUTH HARPETH CREEK NEAR PEWITT CHAPEL, TN—Continued

TURBIDITY, WATER, MONOCHROME NEAR INFRA-RED LED LIGHT, 780-900 NM, DETECTION ANGLE 90 +/ -2.5 DEGREES, FNU
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	2.5	0.6	1.1
19	---	---	---	---	---	---	---	---	---	2.5	0.6	1.2
20	---	---	---	---	---	---	---	---	---	3.8	0.6	1.3
21	---	---	---	---	---	---	---	---	---	18	0.8	2.7
22	---	---	---	---	---	---	---	---	---	37	1.1	5.9
23	---	---	---	---	---	---	---	---	---	94	0.9	5.5
24	---	---	---	---	---	---	---	---	---	8.0	0.9	2.3
25	---	---	---	---	---	---	---	---	---	28	1.4	5.5
26	---	---	---	---	---	---	---	---	---	120	1.4	6.0
27	---	---	---	---	---	---	---	---	---	5.9	1.0	1.9
28	---	---	---	---	---	---	---	---	---	4.0	1.3	1.8
29	---	---	---	---	---	---	---	---	---	3.4	1.4	1.8
30	---	---	---	---	---	---	---	---	---	3.7	1.3	1.8
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

03433637 SOUTH HARPETH CREEK NEAR PEWITT CHAPEL, TN—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	252	234	244	227	214	223	168	136	156	192	175	185
2	246	235	241	228	215	224	179	168	173	191	171	182
3	250	234	243	228	216	224	188	179	182	190	178	186
4	248	231	241	229	216	224	194	185	189	194	183	189
5	247	231	240	230	216	225	195	175	191	195	183	191
6	246	229	238	231	216	226	191	153	181	195	173	185
7	240	227	236	233	215	226	153	72	124	191	84	154
8	239	226	234	232	215	227	156	145	148	153	116	145
9	239	228	235	233	216	227	156	86	132	164	153	159
10	240	225	234	234	209	227	150	130	141	167	160	164
11	237	226	233	235	212	226	159	149	154	169	159	163
12	236	220	227	238	229	234	167	158	162	170	161	165
13	243	232	238	238	221	233	174	166	169	170	139	166
14	244	228	237	239	219	232	180	172	175	155	146	150
15	244	233	239	240	220	233	184	176	180	162	151	156
16	243	231	238	242	216	232	188	179	183	162	155	158
17	243	228	236	242	217	234	190	182	186	166	161	163
18	237	194	224	242	224	235	194	184	190	170	166	168
19	227	53	162	242	222	235	198	189	194	174	166	170
20	213	200	207	245	221	239	201	193	198	178	168	173
21	219	211	214	247	228	239	201	191	198	183	171	177
22	222	215	218	246	225	239	202	66	159	184	177	181
23	222	211	219	249	209	237	145	68	123	187	179	183
24	230	220	225	209	127	182	156	145	151	190	180	186
25	230	222	227	213	205	209	163	156	159	194	180	187
26	231	209	224	218	209	214	169	162	165	201	184	192
27	233	196	223	218	196	209	175	167	171	204	188	198
28	225	216	221	216	204	211	177	170	174	205	188	198
29	223	216	221	217	191	211	180	171	176	195	173	184
30	225	216	221	194	96	123	184	172	178	196	184	190
31	227	216	222	---	---	---	187	174	182	196	184	192
MONTH	252	53	228	249	96	222	202	66	---	205	84	175
		FEBRUARY			MARCH			APRIL			MAY	
1	198	184	193	181	169	175	200	93	149	183	172	176
2	198	186	194	182	172	178	169	145	159	189	177	182
3	198	187	192	184	170	178	177	169	172	192	179	185
4	199	185	193	185	169	178	184	175	178	197	182	189
5	200	184	193	187	169	180	190	180	184	201	184	193
6	201	183	194	188	169	181	190	93	170	201	184	195
7	201	170	192	188	172	180	140	74	121	206	186	197
8	194	170	184	185	170	177	144	123	133	208	187	199
9	194	183	190	200	182	188	156	144	149	210	191	201
10	197	181	190	202	181	194	164	155	159	213	193	205
11	199	182	192	202	186	196	170	162	165	216	195	207
12	200	180	193	205	182	196	175	167	170	216	200	209
13	200	171	184	205	183	198	179	170	174	218	199	210
14	191	173	184	206	185	199	184	174	178	218	182	207
15	191	174	185	206	188	201	188	178	182	218	205	211
16	192	175	186	205	191	198	192	180	186	218	203	212
17	194	178	187	209	188	200	196	181	188	230	207	216
18	195	178	189	209	189	202	200	184	192	222	205	216
19	196	180	190	210	192	203	205	185	195	222	141	202
20	195	117	156	212	189	204	209	188	200	226	201	216
21	160	135	152	212	186	202	212	187	201	225	214	221
22	168	160	164	209	129	195	---	---	---	225	212	220
23	171	165	168	188	133	173	202	190	196	224	212	220
24	174	166	170	193	185	189	205	189	198	224	213	220
25	178	170	174	199	188	192	207	188	199	225	214	220
26	181	171	176	199	191	195	207	188	200	225	216	222
27	182	169	177	199	167	189	210	190	200	224	214	220
28	181	163	171	181	166	174	211	185	200	222	212	219
29	---	---	---	184	176	180	206	163	196	222	210	218
30	---	---	---	194	181	186	176	108	157	221	208	216
31	---	---	---	200	187	193	---	---	---	219	204	213
MONTH	201	117	183	212	129	189	---	---	---	230	141	208

03433637 SOUTH HARPETH CREEK NEAR PEWITT CHAPEL, TN—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	219	201	214	244	230	239	242	227	233	227	217	221
2	228	184	215	243	233	239	243	226	236	230	221	226
3	240	222	232	244	231	239	244	227	238	233	222	228
4	240	229	236	243	231	239	245	228	239	234	222	229
5	240	227	235	245	229	239	245	225	239	236	220	230
6	239	199	229	244	229	239	245	227	239	237	219	231
7	238	227	232	245	229	238	247	228	240	238	220	231
8	238	227	234	242	225	236	247	230	241	239	219	232
9	243	225	234	241	224	236	252	233	243	240	217	232
10	242	231	237	242	224	236	252	234	246	241	217	233
11	240	211	232	240	214	227	251	234	245	242	221	235
12	238	196	225	241	232	237	251	233	244	242	217	234
13	244	235	239	241	229	234	249	232	243	242	218	234
14	242	234	238	242	200	233	250	229	242	242	217	234
15	242	230	236	245	173	233	250	230	241	243	140	224
16	243	229	236	257	173	237	247	229	241	244	228	238
17	243	231	238	260	252	256	247	173	231	243	225	237
18	242	233	239	256	228	239	257	238	249	242	221	235
19	243	232	239	241	178	228	260	244	254	243	223	236
20	242	230	238	243	233	239	260	241	252	244	219	235
21	242	228	237	240	227	235	258	243	252	245	226	238
22	243	229	238	238	222	231	253	236	246	244	219	235
23	245	230	239	233	222	229	249	233	243	244	221	236
24	243	229	238	232	219	228	247	231	241	243	218	235
25	243	226	236	231	222	227	247	226	238	242	180	228
26	243	228	238	244	220	231	245	216	234	245	208	234
27	245	229	239	242	229	236	247	226	239	245	227	239
28	243	230	239	242	222	234	247	231	241	247	226	238
29	243	232	239	242	225	235	248	222	243	247	229	240
30	244	231	240	238	221	232	222	88	175	244	228	238
31	---	---	---	237	220	230	219	203	211	---	---	---
MONTH	245	184	235	260	173	235	260	88	239	247	140	233

03433637 SOUTH HARPETH CREEK NEAR PEWITT CHAPEL, TN—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	19.5	13.4	16.4	21.0	17.0	18.8	12.8	9.2	11.1	14.8	9.5	11.8
2	19.8	16.8	18.0	19.8	16.9	18.6	12.3	8.1	9.6	14.5	11.9	12.8
3	19.3	13.7	16.3	17.0	15.6	16.4	12.3	7.5	9.2	14.0	12.0	12.9
4	19.8	13.0	16.2	17.1	13.5	15.3	12.4	6.8	8.9	14.2	11.9	13.1
5	18.6	12.9	15.6	16.1	10.5	12.9	11.2	7.1	9.4	14.2	11.8	13.0
6	18.7	11.5	14.9	16.8	9.5	12.6	13.7	11.2	12.5	13.8	8.6	10.9
7	20.4	13.3	16.6	18.3	11.3	14.1	14.2	11.6	13.4	9.6	8.2	8.6
8	18.3	15.3	16.7	15.7	10.4	12.8	13.8	10.5	11.9	10.3	9.6	10.2
9	17.9	15.2	16.5	15.0	9.0	11.5	12.1	11.1	11.7	12.2	9.4	10.5
10	19.5	16.2	17.6	14.7	9.7	11.7	13.4	10.9	12.1	13.3	10.8	11.9
11	19.9	16.2	17.7	14.0	11.5	13.0	10.9	9.9	10.4	13.7	12.3	12.9
12	19.5	17.3	18.1	13.7	11.4	12.7	12.1	8.6	10.2	15.2	12.7	13.9
13	17.3	14.8	15.7	14.2	9.2	11.3	10.6	7.0	8.8	13.8	10.7	12.9
14	16.6	13.1	14.9	14.3	8.3	10.8	8.8	4.8	6.6	11.0	8.1	9.4
15	15.7	11.7	13.4	14.0	7.3	10.2	9.0	3.6	5.6	10.9	7.2	8.5
16	16.0	11.6	13.7	14.8	9.0	11.9	9.6	3.9	6.3	7.7	5.0	6.6
17	15.9	10.3	13.1	15.5	12.0	13.2	10.3	4.8	6.9	7.6	3.7	5.1
18	17.2	14.4	15.9	14.2	11.2	12.9	10.6	4.7	7.4	7.8	2.9	4.7
19	19.0	16.6	17.3	14.1	12.9	13.5	7.2	2.5	5.5	10.1	4.5	6.8
20	17.8	16.6	17.1	15.2	13.0	14.1	6.5	2.1	3.7	11.2	4.8	7.5
21	18.4	15.0	16.8	14.0	12.0	13.0	9.6	3.9	7.3	11.6	6.8	8.5
22	18.3	14.1	16.0	14.6	12.4	13.6	8.9	3.8	7.5	8.6	3.1	6.7
23	17.4	15.8	16.7	14.9	13.9	14.4	6.6	3.9	5.7	7.2	2.4	4.1
24	21.0	15.3	17.7	16.0	11.6	14.5	6.6	3.9	5.1	8.9	2.8	5.2
25	20.8	13.9	16.8	13.3	8.9	10.9	7.6	3.1	5.0	11.2	4.3	7.4
26	19.5	15.5	17.1	13.4	8.1	10.1	8.3	4.0	5.6	13.3	7.7	9.8
27	19.7	16.4	17.7	10.8	9.4	10.0	8.3	3.8	5.4	10.3	5.8	7.3
28	18.6	16.6	17.5	12.5	8.6	10.4	9.6	4.0	6.2	10.3	5.1	7.0
29	21.3	16.6	18.4	12.3	9.7	11.0	10.4	6.2	8.2	7.4	6.1	6.9
30	21.4	16.1	18.5	12.8	10.7	11.7	13.1	7.6	10.0	7.8	7.0	7.3
31	18.9	15.2	16.8	---	---	---	13.1	10.2	11.3	8.4	7.0	7.5
MONTH	21.4	10.3	16.5	21.0	7.3	12.9	14.2	2.1	8.3	15.2	2.4	---
		FEBRUARY			MARCH			APRIL			MAY	
1	9.1	7.4	7.9	9.5	5.1	7.0	12.2	11.1	11.5	18.0	10.2	13.4
2	---	---	---	12.9	3.8	7.3	13.1	9.8	11.0	17.5	11.4	13.6
3	---	---	---	14.3	4.8	8.5	18.3	8.8	12.5	16.9	10.0	13.0
4	12.0	4.8	7.5	15.2	5.8	9.8	19.8	10.1	13.8	18.6	9.9	13.5
5	12.7	5.1	8.0	15.7	8.1	11.0	21.0	11.5	15.1	20.0	11.1	14.6
6	11.9	6.9	9.0	16.4	6.4	10.3	13.6	13.0	13.2	20.5	11.9	15.3
7	10.9	8.3	9.6	13.6	8.8	11.2	16.1	12.8	13.9	21.4	11.8	15.8
8	14.9	10.2	11.8	13.4	6.7	9.3	15.0	12.4	13.5	22.4	13.1	16.9
9	11.7	8.8	10.9	10.7	5.7	8.1	20.6	11.4	15.0	19.6	14.1	16.8
10	10.2	5.9	7.8	14.2	5.3	9.1	22.3	12.7	16.3	23.0	14.7	18.1
11	12.1	4.1	7.3	10.2	6.8	8.4	16.5	13.7	15.0	24.4	15.4	19.1
12	12.8	5.2	8.7	17.7	6.8	11.3	20.1	13.6	15.8	22.5	16.2	19.0
13	11.1	9.3	10.0	15.6	8.5	11.1	18.0	12.8	14.5	23.8	16.4	19.5
14	16.2	9.5	12.2	15.9	6.9	10.1	21.7	11.9	15.5	20.9	16.9	18.4
15	16.2	8.6	11.9	11.1	6.3	8.2	22.4	11.0	15.5	21.1	14.9	17.3
16	13.0	8.9	11.4	8.9	6.2	7.5	22.9	11.4	16.0	18.8	12.8	15.5
17	13.2	6.8	9.3	15.9	7.1	10	22.6	12.2	16.4	21.2	12.1	16.1
18	13.6	5.4	8.5	15.8	5.7	10	22.2	13.9	17.0	22.0	13.4	17.3
19	10.2	6.5	8.5	13.0	8.5	10.5	22.9	13.5	17.2	21.5	15.6	17.9
20	10.1	8.6	9.2	17.3	7.5	11.5	22.7	13.2	17.2	22.0	17.0	18.8
21	14.1	10.1	11.6	18.7	8.5	12.3	24.0	15.8	18.6	21.6	16.0	18.3
22	14.4	9.6	11.2	14.4	10.9	12.4	---	---	---	21.2	15.5	17.9
23	13.0	8.9	10.4	12.1	10.3	11.3	15.3	10.7	13.3	21.5	16.3	18.5
24	10.5	8.1	9.3	14.4	9.9	11.2	17.6	9.5	12.4	21.0	15.2	17.7
25	13.8	6.1	9.0	20.2	10.2	14.0	17.7	9.2	12.9	19.8	13.7	16.6
26	15.0	6.0	9.5	21.1	11.4	14.9	15.0	12.0	13.2	21.4	13.3	17.0
27	12.7	7.2	9.7	13.4	11.4	12.4	16.6	10.6	13.2	22.4	15.8	18.5
28	10.3	6.8	9.2	12.0	9.5	10.7	14.0	10.7	12.1	22.6	16.5	18.8
29	---	---	---	18.9	8.7	12.8	15.5	13.1	14.3	19.9	15.7	17.5
30	---	---	---	21.0	10.7	14.9	14.7	11.8	13.6	21.7	14.9	18.1
31	---	---	---	21.2	11.9	15.7	---	---	---	21.4	16.0	18.5
MONTH	---	---	---	21.2	3.8	10.7	---	---	---	24.4	9.9	17.0

03433637 SOUTH HARPETH CREEK NEAR PEWITT CHAPEL, TN—Continued

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	18.2	17.2	17.7	24.6	20.1	22.0	24.7	20.2	22.3	24.5	18.3	20.8
2	18.8	16.9	17.6	24.1	19.9	21.8	26.1	20.4	22.8	24.8	19.5	21.3
3	21.3	17.2	18.7	25.6	19.3	22.1	25.8	20.0	22.6	24.2	17.7	20.3
4	23.7	16.1	19.5	25.0	20.0	22.2	26.1	20.1	22.7	23.6	17.0	19.8
5	25.0	18.1	21.0	24.8	20.6	22.2	26.3	20.3	22.6	23.8	17.5	20.2
6	22.5	18.7	20.0	23.0	20.0	21.4	25.7	20.1	22.4	23.8	18.2	20.6
7	23.4	17.3	20.0	24.6	19.4	21.7	24.4	19.7	22.0	23.2	17.9	20.2
8	22.6	18.2	20.1	24.7	19.3	21.8	24.9	19.7	22.1	23.3	17.5	20.0
9	23.8	18.1	20.6	25.4	19.4	22.1	25.7	19.9	22.5	23.5	17.7	20.3
10	24.2	18.8	21.1	24.2	20.1	21.9	25.4	20.4	22.6	24.0	18.6	20.9
11	20.8	18.9	19.8	21.5	20.5	20.8	26.0	20.4	22.9	24.2	18.2	20.8
12	19.7	18.8	19.2	23.6	19.6	21.4	26.1	20.3	23.0	23.3	18.1	20.5
13	24.6	18.4	20.9	21.7	19.9	20.5	25.5	21.0	23.0	23.5	18.1	20.4
14	25.2	18.8	21.5	24.7	20.0	21.7	26.6	20.6	23.3	23.6	18.5	20.7
15	24.4	18.1	20.9	23.0	20.6	21.5	25.2	21.3	22.9	22.2	18.8	20.4
16	23.1	18.2	20.2	22.7	20.6	21.3	24.4	20.6	22.2	23.9	19.7	21.3
17	21.9	16.1	19.0	24.5	20.0	21.8	25.8	20.8	22.4	21.2	18.0	19.7
18	22.3	16.4	19.0	25.5	20.3	22.6	26.1	20.9	22.9	21.3	16.4	18.7
19	23.3	16.2	19.4	23.9	20.8	22.3	27.1	21.2	23.7	23.5	16.9	19.7
20	23.5	17.2	20.0	25.1	20.6	22.4	27.4	21.6	24.1	24.1	18.5	20.9
21	23.4	17.7	20.1	26.4	20.6	23.1	27.0	21.8	24.0	24.1	18.9	21.3
22	24.3	17.3	20.4	26.8	21.2	23.5	24.5	21.6	22.9	24.6	19.1	21.5
23	25.1	18.4	21.2	26.9	21.4	23.7	25.9	20.9	22.9	24.1	19.0	21.2
24	25.5	18.4	21.5	26.9	21.0	23.5	25.6	20.4	22.7	23.1	19.0	20.9
25	25.0	19.2	21.7	27.6	21.4	24.0	25.3	20.7	22.7	22.0	20.4	21.1
26	23.3	19.5	21.1	27.4	21.5	24.1	24.5	21.2	22.5	23.8	20.4	21.6
27	24.5	19.5	21.3	25.5	21.8	23.4	22.8	20.8	21.8	23.4	18.7	20.6
28	24.9	19.0	21.5	23.3	20.5	21.7	22.6	20.2	21.4	23.3	17.0	20.0
29	24.1	19.8	21.8	24.2	19.3	21.5	21.2	20.3	20.8	20.4	15.9	18.7
30	25.5	19.7	22.1	25.6	19.4	22.1	22.3	19.8	21.2	20.1	13.5	16.5
31	---	---	---	25.5	19.7	22.3	23.8	18.4	20.5	---	---	---
MONTH	25.5	16.1	20.3	27.6	19.3	22.2	27.4	18.4	22.5	24.8	13.5	20.4

03433637 SOUTH HARPETH CREEK NEAR PEWITT CHAPEL, TN—Continued

TURBIDITY, WATER, MONOCHROME NEAR INFRA-RED LED LIGHT, 780-900 NM, DETECTION ANGLE 90 +/ -2.5 DEGREES, FNU
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	2.6	1.2	1.7	0.9	0.1	0.3	14	4.3	7.2	110	0.8	3.2
2	4.0	1.4	2.0	1.1	0.2	0.3	5.0	2.6	3.3	8.5	1.1	2.5
3	11	1.4	2.1	0.9	0.1	0.3	3.1	1.9	2.2	85	0.9	2.5
4	3.3	1.3	1.7	0.7	0.2	0.3	2.0	1.5	1.7	1.4	0.7	0.9
5	4.0	1.3	1.8	0.8	0.1	0.2	5.0	1.3	2.1	1.1	0.6	0.8
6	7.8	1.5	2.2	0.5	0.1	0.2	26	2.8	6.9	12	0.8	3.5
7	7.4	1.4	2.1	16	0.1	0.6	680	19	140	310	1.3	34
8	3.4	1.6	2.1	0.9	0.1	0.2	---	---	---	27	4.6	7.2
9	3.2	1.3	1.9	0.8	0.2	0.2	---	---	---	4.7	2.7	3.5
10	6.7	1.3	2.2	0.7	0.2	0.2	6.7	3.3	4.5	3.2	2.1	2.4
11	3.3	1.4	2.1	1.4	0.2	0.5	3.4	2.1	2.7	21	2.0	4.3
12	16	2.5	5.6	1.0	0.2	0.3	2.2	1.6	2.0	3.1	2.0	2.5
13	22	2.6	6.2	0.7	0.2	0.3	1.8	1.3	1.5	34	2.0	2.2
14	---	---	---	0.8	0.2	0.2	1.6	0.9	1.1	7.1	2.9	3.8
15	---	---	---	0.4	0.2	---	1.7	0.8	0.9	2.8	1.8	2.3
16	---	---	---	0.5	0.2	---	1.5	0.6	0.8	2.2	1.5	1.7
17	---	---	---	0.8	0.2	0.3	1.4	0.5	0.7	5.8	1.1	1.9
18	---	---	---	1.6	0.2	0.4	16	0.4	0.9	3.0	1.1	1.5
19	860	4.1	65	1.5	0.3	---	1.7	0.5	0.7	2.6	1.1	1.3
20	6.7	2.2	3.6	0.7	0.3	0.4	0.9	0.4	0.5	2.0	1.1	1.4
21	8.1	0.8	1.6	0.9	0.3	0.4	1.2	0.3	0.5	---	---	---
22	1.1	0.4	0.7	0.6	0.3	0.4	110	0.3	20	---	---	---
23	2.1	0.3	0.8	54	0.4	2.7	86	3.6	11	---	---	---
24	1.8	0.3	0.7	170	4.2	24	5.2	2.3	3.1	---	---	---
25	3.2	0.2	0.9	4.5	1.7	2.8	4.2	1.7	2.1	---	---	---
26	88	0.3	20	1.9	1.2	1.5	2.2	1.4	1.6	1.0	0.5	0.7
27	21	0.3	4.4	10	1.1	2.9	1.9	1.2	1.3	1.0	0.4	0.5
28	2.3	0.7	1.2	4.0	1.4	2.3	1.6	1.0	1.1	1.6	0.4	0.7
29	1.2	0.3	0.6	15	1.1	2.3	1.8	0.9	1.1	5.9	1.1	2.8
30	---	---	---	150	14	39	2.3	0.9	1.0	2.1	1.1	1.5
31	---	---	---	---	---	---	1.4	0.9	1.0	1.4	0.8	1.1
MONTH	---	---	---	170	0.1	---	---	---	---	---	---	---
		FEBRUARY			MARCH			APRIL			MAY	
1	27	0.8	1.7	2.6	1.4	1.7	320	1.0	55	4.5	2.1	2.8
2	2.4	1.0	1.3	2.2	1.3	1.4	14	4.4	7.9	2.9	1.6	1.9
3	2.0	1.1	1.2	2.9	1.2	1.4	4.5	2.7	3.5	2.0	1.5	1.7
4	1.3	0.9	1.0	2.3	1.1	1.4	2.8	1.9	2.2	2.3	1.2	1.5
5	1.2	0.8	1.0	15	1.1	1.6	3.6	1.3	1.8	1.8	1.1	1.4
6	1.5	0.8	1.0	1.9	1.1	1.4	280	1.0	25	2.3	1.1	1.4
7	12	0.8	2.6	4.4	1.1	1.7	>1,000	14	63	2.1	1.0	1.4
8	6.2	1.8	3.2	11	1.3	2.4	39	5.6	14	20	1.1	1.9
9	4.2	1.6	1.9	2.1	0.8	1.1	5.8	3.8	4.5	2.4	1.2	1.5
10	5.3	1.4	1.8	1.3	0.7	0.9	7.6	2.1	3.1	2.6	0.9	1.4
11	2.2	1.1	1.5	11	0.7	1.1	3.1	1.6	2.1	1.7	0.8	1.1
12	3.2	1.2	1.5	1.6	0.7	1.0	3.1	1.2	2.2	2.3	0.9	1.3
13	260	1.5	12	2.2	0.7	1.0	2.1	0.9	1.3	2.3	0.8	1.2
14	3.2	1.5	2.3	2.3	0.6	1.1	1.5	0.7	1.0	13	0.8	2.6
15	2.4	1.3	1.7	2.1	0.7	1.0	1.7	0.4	0.8	5.3	0.9	1.8
16	2.7	1.3	1.7	3.5	0.8	1.3	---	---	---	1.8	0.9	1.2
17	2.6	1.1	1.3	1.5	0.6	0.9	---	---	---	3.6	0.8	1.3
18	2.6	1.0	1.2	4.2	0.6	1.1	---	---	---	3.9	0.9	1.3
19	1.6	1.0	1.1	1.6	0.7	1.0	---	---	---	300	0.7	21
20	150	1.1	32	2.4	0.6	0.9	2.6	1.5	1.8	12	1.3	3.6
21	110	7.2	22	3.2	0.6	1.0	3.5	1.8	2.3	2.5	0.7	1.3
22	9.1	3.4	5.0	580	0.4	27	---	---	---	11	0.5	1.3
23	3.6	2.5	3.0	160	4.2	23	5.3	1.3	1.8	2.2	0.5	1.1
24	3.7	1.9	2.4	4.4	1.8	2.8	2.4	1.2	1.3	2.6	0.6	1.1
25	2.8	1.6	2.0	3.7	1.5	2.2	1.7	1.0	1.2	2.1	0.5	1.0
26	2.2	1.5	1.7	3.4	1.2	1.8	3.2	1.0	1.5	2.9	0.6	1.3
27	2.1	1.4	1.6	89	1.3	9.9	2.0	1.1	1.3	2.5	0.6	1.2
28	3.4	1.5	2.4	33	5.8	16	3.9	1.0	1.7	2.4	0.6	1.2
29	---	---	---	5.8	2.4	3.7	54	1.4	3.5	2.8	0.7	1.3
30	---	---	---	5.7	1.0	2.1	260	3.6	21	2.4	0.7	1.3
31	---	---	---	2.9	1.1	1.6	---	---	---	2.5	0.5	1.2
MONTH	260	0.8	4.0	580	0.4	3.8	---	---	---	300	0.5	2.1

03433637 SOUTH HARPETH CREEK NEAR PEWITT CHAPEL, TN—Continued

TURBIDITY, WATER, MONOCHROME NEAR INFRA-RED LED LIGHT, 780-900 NM, DETECTION ANGLE 90 +/ -2.5 DEGREES, FNU—CONTINUED

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.6	1.0	1.9	3.6	1.1	1.6	---	---	---	1.6	0.7	1.1
2	59	1.7	7.0	2.7	1.0	1.5	3.8	0.3	0.9	1.9	0.9	1.2
3	8.3	2.4	3.7	2.8	1.0	1.5	2.0	0.4	0.9	2.1	1.2	1.4
4	3.9	2.2	2.9	2.8	1.1	1.8	1.6	0.4	0.8	4.7	1.4	1.8
5	4.0	2.5	2.9	2.9	0.8	1.7	2.5	0.4	1.0	2.2	0.7	1.3
6	11	2.9	4.6	3.2	1.1	1.4	2.3	0.7	1.2	1.7	0.3	0.7
7	6.9	2.5	3.4	3.3	1.2	1.7	2.2	0.7	1.3	1.8	0.2	0.6
8	5.2	1.0	2.2	3.8	1.3	1.8	2.6	0.9	1.5	10	0.2	0.9
9	2.9	1.1	1.7	3.3	1.6	2.0	12	0.4	1.5	1.6	0.4	0.8
10	3.0	1.5	2.0	3.1	1.7	2.1	3.1	0.4	1.0	3.9	0.2	1.1
11	7.0	1.0	3.0	11	2.5	4.0	3.3	0.5	1.3	2.9	0.6	1.0
12	53	2.3	9.7	5.9	2.4	3.1	2.1	0.4	0.9	2.3	0.2	0.9
13	4.9	2.7	3.4	4.6	2.6	3.3	3.6	0.7	1.4	1.0	0.3	0.5
14	4.7	2.5	3.0	29	2.5	4.9	3.5	1.4	2.3	1.5	0.3	0.5
15	3.7	1.2	2.4	290	2.9	18	28	0.4	1.6	190	0.3	10
16	2.9	1.2	1.6	110	4.7	14	3.1	0.4	1.0	3.8	0.8	1.6
17	2.0	1.3	1.5	5.3	3.4	4.2	240	0.5	18	2.1	0.5	0.8
18	2.3	1.5	1.8	5.3	3.0	3.5	11	0.9	2.6	1.3	0.4	0.7
19	2.5	1.7	2.0	72	1.8	8.4	1.7	0.4	1.0	0.9	0.3	0.6
20	2.8	1.9	2.2	3.2	1.6	2.1	2.3	0.7	1.1	3.7	0.3	0.6
21	3.0	2.0	2.3	2.5	1.4	1.8	3.0	1.1	2.2	2.1	0.5	0.7
22	3.1	2.2	2.5	3.1	1.0	1.5	3.4	2.3	2.8	3.0	0.2	0.7
23	3.3	2.3	2.7	3.1	0.7	1.5	4.1	1.7	2.4	2.4	0.4	0.7
24	3.5	2.5	2.8	2.1	0.7	1.2	---	---	---	6.5	0.3	1.1
25	4.2	2.6	2.9	2.1	0.7	1.1	---	---	---	22	0.4	2.9
26	3.5	1.2	2.7	3.4	0.5	1.1	---	---	---	6.8	0.7	2.0
27	3.0	1.0	1.7	2.4	0.6	1.0	---	---	---	2.0	0.4	0.8
28	3.6	1.1	2.0	3.4	0.5	1.1	---	---	---	2.0	0.6	1.1
29	9.8	1.3	2.5	3.3	0.6	1.5	---	---	---	1.8	1.3	1.5
30	3.3	1.0	1.7	3.6	0.6	1.6	---	---	---	2.3	1.5	1.7
31	---	---	---	3.2	0.5	1.3	---	---	---	---	---	---
MONTH	59	1.0	2.9	290	0.5	3.1	---	---	---	190	0.2	1.4

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